

first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 80 mole % to about 95 mole % dimethylsiloxane and about 5 mole % to about 20 mole % diphenylsiloxane, said first vinyl terminated
10 copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 2500 cps;

about 45 wt% to about 70 wt% of a second vinyl terminated copolymer resin based on the total amount of the
15 first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 80 mole % to about 95 mole % dimethylsiloxane and about 5 mole % to about 20 mole % diphenylsiloxane, said second vinyl terminated copolymer resin having a molecular weight
20 sufficient to provide a second vinyl terminated copolymer resin viscosity of about 2500 cps to about 9500 cps;

about 8 to about 25 parts of fumed silica filler per hundred parts resin;

tetrakis(dimethylsiloxy)silane crosslinking reagent; and
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2-[5-chloro-2H-benzotriazol-2-yl]-6-[1,1-dimethyl-ethyl]-4-[2-propenylloxypropyl] phenol hydrosilylated with tetrakis(dimethylsiloxy)silane.

722. A high refractive index, curable polyorganosiloxane composition useful for fabricating intraocular lenses, said composition comprising:

about 30 wt% to about 55 wt% of a first vinyl terminated copolymer resin based on the total amount of the
5 first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 80 mole % to about 95 mole % dimethylsiloxane and about 5 mole % to about 20 mole % diphenylsiloxane, said first vinyl terminated

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- 10 copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 2500 cps;
about 45 wt% to about 70 wt% of a second vinyl terminated copolymer resin based on the total amount of the
15 first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 80 mole % to about 95 mole % dimethylsiloxane and about 5 mole % to about 20 mole % diphenylsiloxane, said second vinyl terminated copolymer resin having a molecular weight sufficient to provide a second vinyl terminated copolymer resin viscosity of about 2500 cps to about 9500 cps;
about 8 to about 25 parts of fumed silica filler per hundred parts resin;
tetrakis(dimethylsiloxy)silane crosslinking reagent; and
25 2-[5-chloro-2H-benzotriazol-2-yl]-6-[1,1-dimethyl-ethyl]-4-[2-propenyoxypropyl] phenol hydrosilylated with a terpolymer of dimethylsiloxane, diphenylsiloxane, and methylhydrosiloxane.

- 11 23. A high refractive index, curable polyorganosiloxane composition useful for fabricating intraocular lenses, said composition comprising:
about 42 wt% to about 48 wt% of a first vinyl terminated copolymer resin based on the total amount of the
5 first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said first vinyl terminated copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 1000 cps, and

about 52 wt% to about 58 wt% of a second vinyl terminated copolymer resin based on the total amount of the first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said second vinyl terminated copolymer resin having a molecular weight sufficient to provide a second vinyl terminated copolymer resin viscosity of about 4400 cps to about 5400 cps;

about 8 to about 25 parts of fumed silica filler per hundred parts resin;

tetrakis(dimethylsiloxy)silane crosslinking reagent; and

2-[5-chloro-2H-benzotriazol-2-yl]-6[1,1-dimethyl-ethyl]-4-[2-propenylloxypropyl]phenol hydrosilylated with tetrakis(dimethylsiloxy)silane.

15 24. A high refractive index, curable polyorganosiloxane composition useful for fabricating intraocular lenses, said composition comprising:

about 42 wt% to about 48 wt% of a first vinyl terminated copolymer resin based on the total amount of the first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said first vinyl terminated copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 1000 cps, and

about 52 wt% to about 58 wt% of a second vinyl terminated copolymer resin based on the total amount of the first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 82 mole %

Amend
to about 88 mole % dimethylsiloxane and about 12 mole % to
about 18 mole % diphenylsiloxane, said second vinyl termin-
ated copolymer resin having a molecular weight sufficient to
20 provide a second vinyl terminated copolymer resin viscosity
of about 4400 cps to about 5400 cps;

about 8 to about 25 parts of fumed silica filler
per hundred parts resin;

tetrakis(dimethylsiloxy)silane crosslinking rea-
gent; and

2-[5-chloro-2H-benzotriazol-2-yl]-6[1,1-dimethyl-
ethyl]-4-[2-propenyl oxypropyl]phenol hydrosilylated with a
terpolymer of dimethylsiloxane, diphenylsiloxane, and methyl-
hydrosiloxane.

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28. An elastomeric, optically clear, high refrac-
tive index lens having superior postfolding optical resolu-
tion recovery, said lens comprising a polyorganosiloxane ob-
tained by curing the curable, high ⁷ refractive index, poly-
organosiloxane composition of claim *22*.

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28. An elastomeric, optically clear, high refrac-
tive index lens having superior postfolding optical resolu-
tion recovery, said lens comprising a polyorganosiloxane ob-
tained by curing the curable, high refractive index, poly-
5 organosiloxane composition of claim *28*.

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27. An elastomeric, optically clear, high refrac-
tive index lens having superior postfolding optical resolu-
tion recovery, said lens comprising a polyorganosiloxane ob-
tained by curing the curable, high ¹⁵ refractive index, poly-
5 organosiloxane composition of claim *24*.

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~~28.~~ The high refractive index, curable polyorganosiloxane composition of claim ¹¹~~23~~ wherein said fumed silica filler has an average particle diameter of from about 7 nanometers to about 11 nanometers.

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~~29.~~ The high refractive index, curable polyorganosiloxane composition of claim ¹⁵~~24~~ wherein said fumed silica filler has an average particle diameter of from about 7 nanometers to about 11 nanometers.

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~~30.~~ The high refractive index, curable polyorganosiloxane composition of claim ⁷~~22~~ wherein said fumed silica is surface treated with a member selected from the group consisting of hexamethyldisilazane and 1,3-divinyltetramethylsilazane.

¹⁴
~~31.~~ The high refractive index, curable polyorganosiloxane composition of claim ¹¹~~23~~ wherein said fumed silica is surface treated with a member selected from the group consisting of hexamethyldisilazane and 1,3-divinyltetramethylsilazane.

¹⁸
~~32.~~ The high refractive index, curable polyorganosiloxane composition of claim ¹⁵~~24~~ wherein said fumed silica is surface treated with a member selected from the group consisting of hexamethyldisilazane and 1,3-divinyltetramethylsilazane.

¹⁹
~~33.~~ A high refractive index, curable polyorganosiloxane composition useful for fabricating intraocular lenses, said composition consisting essentially of:

about 42 wt% to about 48 wt% of a first vinyl terminated copolymer resin based on the total amount of the

first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said first vinyl terminated 10 copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 1000 cps, and

about 52 wt% to about 58 wt% of a second vinyl terminated copolymer resin based on the total amount of the 15 first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said second vinyl terminated copolymer resin having a molecular weight 20 sufficient to provide a second vinyl terminated copolymer resin viscosity of about 4400 cps to about 5400 cps;

about 11 to about 14 parts of fumed silica filler per hundred parts resin;

about 5 to about 50 parts of platinum containing 25 catalyst per million parts resin;

about 1.5 to about 5 parts of tetrakis(dimethylsiloxyl)silane crosslinking reagent per hundred parts resin; and

about 0.1 to about 2 parts of 2-[5-chloro-2H-benzo-30 triazol-2-yl]-6-[1,1-dimethylethyl]-4-[2-propenylloxypropyl] phenol ultraviolet absorbing compound hydrosilylated with tetrakis(dimethylsiloxyl)silane.

2134. A high refractive index, curable polyorganosiloxane composition useful for fabricating intraocular lenses, said composition consisting essentially of:

about 42 wt% to about 48 wt% of a first vinyl terminated copolymer resin based on the total amount of the 5

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first and second vinyl terminated copolymer resins, said first vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said first vinyl terminated 10 copolymer resin having a molecular weight sufficient to provide a first vinyl terminated copolymer resin viscosity of about 400 cps to about 1000 cps, and

about 52 wt% to about 58 wt% of a second vinyl terminated copolymer resin based on the total amount of the 15 first and second vinyl terminated copolymer resins, said second vinyl terminated copolymer resin having about 82 mole % to about 88 mole % dimethylsiloxane and about 12 mole % to about 18 mole % diphenylsiloxane, said second vinyl terminated copolymer resin having a molecular weight 20 sufficient to provide a second vinyl terminated copolymer resin viscosity of about 4400 cps to about 5400 cps;

about 11 to about 14 parts of fumed silica filler per hundred parts resin;

about 5 to about 50 parts of platinum containing 25 catalyst per million parts resin;

about 1.5 to about 5 parts of tetrakis(dimethylsiloxyl)silane crosslinking reagent per hundred parts resin; and

about 0.1 to about 2 parts of 2-[5-chloro-2H-benzo-30 triazol-2-yl]-6-[1,1-dimethylethyl]-4-[2-propenylloxypropyl] phenol ultraviolet absorbing compound hydrosilylated with a terpolymer of dimethylsiloxane, diphenylsiloxane, and methylhydrosiloxane.

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25. An elastomeric, optically clear, high refractive index lens having superior postfolding optical resolution recovery, said lens comprising a polyorganosiloxane obtained